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1964 MAY 7 22 50Z  
2255 8 MAY 1964 25X1

REF: MSN 4007

ATTN: [REDACTED]

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CJS [REDACTED]  
SFC [REDACTED] 25X1

1. BETWEEN FRAME NUMBER 3 AND FRAME 12 OF PASS D-42 THE VEHICLE PITCHED NOSED DOWN. THE PITCH MEASURED FOR FRAME 2 WAS PLUS ONE DEGREE 41 MINUTES; THE PITCH MEASURED FOR FRAME 12 WAS PLUS SIX DEGREES 41 MINUTES. FROM THIS POINT TO FRAME 22 OF PASS Grace (File) D-54 (THE END OF USABLE INDEX PHOTOGRAPHY) THE PITCH CONDITION VARIED BETWEEN PLUS 4 DEGREES 19 MINUTES AND PLUS 8 DEGREES 38 MINUTES.

2. THIS INFORMATION WAS DERIVED FROM HORIZON MEASUREMENTS ON THE INDEX CAMERA AND SHOULD BE ACCURATE TO PLUS OR MINUS 15 MINUTES OF ARC. BETWEEN FRAME 3 AND FRAME 12 OF PASS D-42 THE INDEX CAMERA DID NOT RECORD THE HORIZON, SO WE DO NOT KNOW JUST WHEN THIS ATTITUDE CHANGE TOOK PLACE.

3. BEFORE THE PITCH CONDITION CHANGE OCCURRED, DURING PASS D-42, THE MAXIMUM PITCH MEASURED WAS APPROXIMATELY PLUS ONE DEGREE 28 MINUTES AND MINUS TWO DEGREES ONE MINUTE, WITH MOST PITCH MEASUREMENTS BEING WITHIN 40 MINUTES OF THE NO PITCH CONDITION.

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-END OF MESSAGE-

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